

**=> IFW: Scan as Doc Code: SRNT <=
 Doc Date:**

TC 3700 Inventor Search Program

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

Serial Number: 10699953

**1.) See attached printout of inventors listed in
PALM**

**2.) See attached EAST Inventor Search
Printout shows Inventor search terms**



Inventor Information for 10/699953

Inventor Name	City	State/Country
CRAWFORD, JAMIE	NEW YORK	NEW YORK
GROSKOPF, ROGER	SADDLE BROOK	NEW JERSEY
NEWBY, MARK C.	TUXEDO	NEW YORK

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent-Info](#)[Continuity/Reexam](#)[Foreign Data](#)[Invento](#)

Search Another: Application#

or Patent#

PCT /

 /

or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

US 20060079847 A1	20060413	Forward-shielding blood collection set	604/192	600/576; 604/198	Crawford; Jamieson
US 20060068899 A1	20060330	Electronic card table system with jackpot features	463/25		White; Gehrig Henderson et al.
US 20060068879 A1	20060330	Electronic poker table and method	463/17		Crawford; James T. III et al.
US 20060068871 A1	20060330	System and method for detecting collusion between poker players	463/13	273/309	Crawford; James T. III et al.
US 20060068870 A1	20060330	Electronic card table and method with host console	463/13	273/309	Crawford; James T. III et al.
US 20060068869 A1	20060330	Cashless electronic poker table and method	463/13	273/309	White; Gehrig Henderson et al.
US 20060068868 A1	20060330	System and method for providing an electronic card game	463/13	273/309	Crawford; James T. III et al.
US 20060068867 A1	20060330	Electronic card table system and method	463/13		White; Gehrig Henderson et al.
US 20060068866 A1	20060330	Electronic card table and method	463/13	273/309	White; Gehrig Henderson et al.
US 20060068865 A1	20060330	Electronic card table having a display device for implementing electronic player interaction areas	463/13	273/309	White; Gehrig Henderson et al.
US 20060068864 A1	20060330	Electronic player interaction area with player customer interaction features	463/13		White; Gehrig Henderson et al.
US 20060068498 A1	20060330	Electronic card table and method	436/17		White; Gehrig Henderson et al.
US 20060066052 A1	20060330	Electronic player interaction area with player customer interaction features	273/309	463/13	White; Gehrig Henderson et al.
US	20060316	Electronic card table	463/13		White; Gehrig

20060058093 A1		and method for displaying video/animation thereon			Henderson et al.
US 20060058092 A1	20060316	Electronic card table and method	463/13		Crawford; James T. III et al.
US 20060058091 A1	20060316	Queuing system and method for electronic card table system	463/13		Crawford; James T. III et al.
US 20060058090 A1	20060316	System and method for playing an electronic card game	463/13		Crawford; James T. III et al.
US 20060058089 A1	20060316	Electronic card table and method with player tracking	463/13		White; Gehrig Henderson et al.
US 20060058088 A1	20060316	System and method for providing an electronic poker game	463/13		Crawford; James T. III et al.
US 20060058087 A1	20060316	Electronic card table and method with variable rake	463/11		White; Gehrig Henderson et al.
US 20060058086 A1	20060316	System and method for providing electronic card game at a plurality of electronic poker tables	463/11		White; Gehrig Henderson et al.
US 20060058085 A1	20060316	Electronic player interaction area with player customer interaction features	463/11		White; Gehrig Henderson et al.
US 20060058084 A1	20060316	Electronic card table	463/11		Crawford; James T. III et al.
US 20060058083 A1	20060316	Electronic card table and method for providing a timed electronic card game	463/11		Crawford; James T. III et al.
US 20060058082 A1	20060316	System and method for providing a card tournament using one or more electronic card table	463/7		Crawford; James T. III et al.
US	20060316	Electronic card table	273/309		White; Gehrig

20060055114 A1		with hinged table top			Henderson et al.
US 20060027795 A1	20060209	Apparatus and methods for disposing conduits, wires, and the like through structures	254/134.3FT		Crawford; James Ernest
US 20060003671 A1	20060105	CMP apparatus and method	451/5	451/41	Stumpf; John F. et al.
US 20050245879 A9	20051103	Safety shield assembly	604/192		Crawford, Jamieson W. M.
US 20050245877 A1	20051103	Method and device for intradermally delivering a substance	604/173		Wilkinson, Bradley M. et al.
US 20050243733 A1	20051103	Method and apparatus for providing trace route and timing information for media streams	370/252	370/352	Crawford, James et al.
US 20050240161 A1	20051027	Needle assembly	604/264		Crawford, Jamieson William McLean
US 20050227595 A1	20051013	CMP apparatus and load cup mechanism	451/285		Marquardt, David T. et al.
US 20050159705 A1	20050721	Syringe having a retractable needle	604/110	128/919	Crawford, Jamie et al.
US 20050148942 A1	20050707	Method for making a safety shield assembly and related combinations thereof	604/192	604/110	Newby, C. Mark et al.
US 20050119635 A1	20050602	Selectively passive shieldable medical needle device	604/500	604/110; 604/263	Crawford, Jamieson
US 20050119627 A1	20050602	Selectively passive forward shielding medical needle device	604/263	604/110	Crawford, Jamieson
US 20050096599	20050505	Safety device for a syringe	604/198		Crawford, Jamie et al.

A1					
US 20050096598 A1	20050505	Safety shield system for a syringe	604/198		Crawford, Jamie et al.
US 20050096597 A1	20050505	Safety shield system for a syringe	604/198		Crawford, Jamie et al.
US 20050096596 A1	20050505	Safety shield system for a syringe	604/198		Crawford, Jamie et al.
US 20050090304 A1	20050428	System and method of displaying or obscuring electronic playing cards	463/13		Crawford, James T. III et al.
US 20050075611 A1	20050407	Low extractable, thermoplastic syringe and tip cap	604/192	422/22; 604/199	Hetzler, Kevin G. et al.
US 20050051334 A1	20050310	Electrical tubing control and remediation	166/302	166/304; 166/386; 166/60	Baugh, Benton F. et al.
US 20050009191 A1	20050113	Point of care information management system	436/43	422/63; 422/68.1	Swenson, Kirk D. et al.
US 20050000962 A1	20050106	Collection assembly	220/23.87		Crawford, Jamieson W.M. et al.
US 20040252044 A1	20041216	Channelized analog- to-digital converter	341/155		Mathis, Ronald F. et al.
US 20040244993 A1	20041209	Three in one combined power unit for nitrogen system, fluid system, and coiled tubing system	166/381	166/77.2; 166/90.1	Crawford, James B. et al.
US 20040236287 A1	20041125	Forward shielding medical needle device	604/263	604/177	Swenson, Kirk D. et al.
US 20040215148 A1	20041028	Syringe tip cap	604/187	215/200; D24/130	Hwang, Charles G. et al.
US 20040201624 A1	20041014	Gradual image display	715/751		Crawford, James
US 20040194809 A1	20041007	Pipeline remediation method with wire rope pig	134/22.12	134/22.14; 134/22.18; 134/22.19;	Crawford, James R. et al.

				134/24; 134/34	
US 20040186439 A1	20040923	Safety needle assembly	604/197		Crawford, Jamieson William Maclean et al.
US 20040176705 A1	20040909	Cartridge having an integrated collection element for point of care system	600/584		Stevens, Timothy A. et al.
US 20040176704 A1	20040909	Collection device adapted to accept cartridge for point of care system	600/584		Stevens, Timothy A. et al.
US 20040121299 A1	20040624	System and method for remote-access virtual-lab environment	434/365		Rougeau, Bruce A. et al.
US 20040118565 A1	20040624	Bi-directional thruster pig apparatus and method of utilizing same	166/312	166/222; 166/383	Crawford, James R.
US 20040114675 A1	20040617	OFDM pilot tone tracking for wireless LAN	375/149	375/260; 375/327	Crawford, James A.
US 20040098776 P1	20040520	Ligularia plant named 'Britt-Marie Crawford'	PLT/263		Crawford, James
US 20040097149 A1	20040520	Pitch based graphite fabrics and needled punched felts for fuel cell gas diffusion layer substrates and high thermal conductivity reinforced composites	442/218	428/299.1; 428/301.4; 428/424.7; 428/424.8; 442/181	Crawford, James et al.
US 20040059302 A1	20040325	Safety needle assembly	604/263	128/919; 604/110	Crawford, Jamieson William MacLean et al.
US 20040037366 A1	20040226	Apparatus and method for multicarrier modulation and demodulation	375/295		Crawford, James A.

US 20040028896 A1	20040212	PITCH BASED GRAPHITE FABRICS AND NEEDED PUNCHED FELTS FOR FUEL CELL GAS DIFFUSION LAYER SUBSTRATES AND HIGH THERMAL CONDUCTIVITY REINFORCED COMPOSITES	428/364	264/29.2; 428/373	Crawford, James et al.
US 20030220618 A1	20031127	Safety shield assembly	604/263		Crawford, Jamieson W.M.
US 20030220614 A1	20031127	Safety shield assembly	604/192		Crawford, Jamieson W. M.
US 20030208162 A1	20031106	Safety blood collection needle assembly	604/171	604/263	Crawford, Jamieson W.M.
US 20030208161 A1	20031106	Needle holder for use with safety needle assembly	604/171	600/576; 604/263	Crawford, Jamieson W. M.
US 20030208160 A1	20031106	Needle assembly	604/164.08	600/576; 604/263	Crawford, Jamieson William Maclean
US 20030208139 A1	20031106	Needle holder for use with safety needle assembly	600/576	604/171; 604/263	Crawford, Jamieson W.M.
US 20030196815 A1	20031023	Method for operating a submersible pump	166/369	166/105; 166/68.5	Crawford, James B. et al.
US 20030196813 A1	20031023	Method of treating and measuring various parameters in pipelines	166/311		Crawford, James B. et al.
US 20030196812 A1	20031023	Coiled tubing for insertion into coiled tubing	166/305.1		Crawford, James B. et al.
US 20030196811 A1	20031023	Method of treating and measuring various parameters in formations	166/300		Crawford, James B. et al.

US 20030196797 A1	20031023	Coiled tubing having multiple strings of smaller tubing embedded therein	166/250.01	166/385; 166/77.2	Crawford, James B. et al.
US 20030196793 A1	20031023	Combined nitrogen treatment system and coiled tubing system in one tractor/trailer apparatus	166/90.1	166/305.1	Crawford, James B. et al.
US 20030187399 A1	20031002	Safety shield assembly	604/192	604/263	Crawford, Jamieson W.M.
US 20030187398 A1	20031002	Safety shield assembly	604/192	604/263	Crawford, Jamieson W. M.
US 20030187394 A1	20031002	Method and device for intradermally delivering a substance	604/131		Wilkinson, Bradley M. et al.
US 20030183546 A1	20031002	Needle-disposable insert for sharps disposal	206/366	206/370	Crawford, Jamieson William Maclean
US 20030181871 A1	20030925	Needle assembly	604/263		Wilkinson, Bradley et al.
US 20030181211 A1	20030925	Method and apparatus for dynamic channel selection in wireless modems	455/450	455/509; 455/513	Razavilar, Javad et al.
US 20030167682 A1	20030911	Halogenated hydrocarbon containing fuel supplement and/or additive	44/398		Crawford, Stephen R. et al.
US 20030163096 A1	20030828	Shieldable fluid collection set	604/263	604/177	Swenson, Kirk D. et al.
US 20030129337 A1	20030710	Method of fusing a component to a medical storage or transfer device and container assembly	428/35.7		Hetzler, Kevin George et al.
US 20030121587	20030703	Method of fusing a component to a	156/69		Hetzler, Kevin George et al.

A1		medical storage or transfer device and container assembly			
US 20030116252 A1	20030626	Method of fusing a component to a medical storage of transfer device and container assembly	156/69	156/308.2	Hetzler, Kevin George et al.
US 20030109261 A1	20030612	Method and apparatus for optimal rate (PHY mode) control in wireless modems with variable bit rate (VBR) capability	455/452.1	455/453	Razavilar, Javad et al.
US 20030104831 A1	20030605	Method and apparatus for adaptive QoS-based joint rate & power control algorithm in multi-rate wireless systems	455/522	455/69	Razavilar, Javad et al.
US 20030097623 A1	20030522	Method and apparatus for performance optimization and adaptive bit loading for wireless modems with convolutional coder, FEC, CRC and ARQ	714/704		Razavilar, Javad et al.
US 20030087423 A1	20030508	Method and basket apparatus for transporting biological samples	435/270	435/304.1	Haywood, Bruce C. et al.
US 20030086830 A1	20030508	Method and apparatus for transporting biological samples	422/102	422/101; 600/562	Haywood, Bruce C. et al.
US 20030063678 A1	20030403	OFDM pilot tone tracking to reduce performance loss due to frequency pulling and pushing	375/260		Crawford, James A.
US 20030026197	20030206	Transmission security for wireless	370/203		Crawford, James A.

A1		communications			
US 20030002471 A1	20030102	Method for estimating carrier-to-noise-plus-interference ratio (CNIR) for OFDM waveforms and the use thereof for diversity antenna branch selection	370/343	370/480	Crawford, James A. et al.
US 20020188256 A1	20021212	Blood collection set	604/177	128/919; 600/576; 604/263	Crawford, Jamieson William MacLean et al.
US 20020176483 A1	20021128	OFDM pilot tone tracking for wireless LAN	375/137	370/208; 375/376	Crawford, James A.
US 20020164968 A1	20021107	Probing scheme for diversity antenna branch selection	455/277.1	455/133; 455/347	Crawford, James A.
US 20020161336 A1	20021031	Needle shield assembly	604/192		Crawford, Jamieson William MacClean et al.
US 20020160737 A1	20021031	Method and apparatus for diversity antenna branch selection	455/272	455/132	Crawford, James A.
US 20020159533 A1	20021031	OFDM pilot tone tracking for wireless lan	375/260		Crawford, James A.
US 20020156425 A1	20021024	Safety needle assembly	604/192		Crawford, Jamieson William Maclean et al.
US 20020151853 A1	20021017	Safety shield assembly	604/197	128/919	Crawford, Jamieson W. M.
US 20020151852 A1	20021017	Safety needle assembly	604/197	128/919; 604/240	Crawford, Jamieson W.M. et al.
US 20020150709 A1	20021017	Method of fusing a component to a medical storage or transfer device and container assembly	428/35.7	228/211	Hetzler, Kevin George et al.

US 20020150168 A1	20021017	Optimum phase error metric for OFDM pilot tone tracking in wireless LAN	375/260	375/262; 375/341	Crawford, James A.
US 20020143297 A1	20021003	Adaptor for use with point-of-care testing cartridge	604/187	604/240; 604/905	Francavilla, Frank et al.
US 20020143293 A1	20021003	Adaptor for use with point-of-care testing cartridge	604/116	604/187	Francavilla, Frank et al.
US 20020143274 A1	20021003	Adaptor for use with point-of-care testing cartridge	600/573		Francavilla, Frank et al.
US 20020143273 A1	20021003	Adaptor for use with point-of-care testing cartridge	600/573		Francavilla, Frank et al.
US 20020143272 A1	20021003	Method and kit of components for delivering blood to a portable clinical analyzer	600/573		Crawford, Jamieson William Maclean et al.
US 20020143271 A1	20021003	Walled adaptor for use with point-of-care testing kit	600/573		Crawford, Jamieson William MacClean et al.
US 20020122006 A1	20020905	CONFORMAL BOX ANTENNA	343/702	343/700MS; 343/844	Crawford, James A.
US 20020120215 A1	20020829	Blood collection set with retractable needle	600/573		Crawford, Jamieson William Maclean et al.
US 20020108844 A1	20020815	SWITCH ASSEMBLY INCORPORATING CONTACT WEDGE	200/520		Crawford, James F. et al.
US 20020103464 A1	20020801	Blood collection set	604/263	128/919	Crawford, Jamieson William Maclean et al.
US 20020101377 A1	20020801	Card-based diversity antenna structure for wireless communications	343/702	343/700MS; 343/725; 343/729	Crawford, James A.
US 20020099340	20020725	Needle assembly	604/263		Crawford, Jamieson

A1					William Maclean et al.
US 20020081926 A1	20020627	Reinforced article and method of making	442/218	442/181; 442/203	Goering, Jonathan et al.
US 20020043510 A1	20020418	Remote operation auxiliary hoist control and precision load positioner	212/283		Bachman, John A. et al.
US 20020023131 A1	20020221	Voice Instant Messaging	709/205	709/227; 715/753	Wu, Shuwu et al.
US 20010043838 A1	20011122	Skate apparatus for injecting tubing down pipelines	405/184.1	15/104.05; 166/153; 166/241.1; 166/381; 405/183.5	Baugh, Benton F. et al.
US 7051818 B2	20060530	Three in one combined power unit for nitrogen system, fluid system, and coiled tubing system	166/379	166/77.2; 166/90.1	Crawford; James B. et al.
US 7025142 B2	20060411	Bi-directional thruster pig apparatus and method of utilizing same	166/311	166/312	Crawford; James R.
US 7025131 B2	20060411	Electrical tubing control and remediation apparatus and method of use	166/66.7	166/248; 166/302; 166/317; 166/318; 166/373; 166/65.1; 166/66.6	Baugh; Benton F. et al.
US 6980147 B2	20051227	Channelized analog-to-digital converter	341/155	341/126	Mathis; Ronald F. et al.
US PP16113 P3	20051115	Ligularia plant named 'Britt-Marie Crawford'	PLT/263		Crawford; James
US 6902534 B2	20050607	Method and kit of components for delivering blood to a portable clinical analyzer	600/573		Crawford; Jamieson William Maclean et al.
US 6899941 B2	20050531	Reinforced article and method of	428/121	264/103; 428/123;	Goering; Jonathan et al.

		making		428/130; 428/175; 442/181; 442/203; 442/218; 493/405	
US 6899850 B2	20050531	Method and basket apparatus for transporting biological samples	422/102	215/306; 220/23.83; 220/23.87; 220/23.89; 422/101; 422/99; 435/288.1; 435/288.2	Haywood; Bruce C. et al.
US 6890310 B2	20050510	Adaptor for use with point-of-care testing cartridge	600/573	206/364; 206/365; 422/939	Fracavilla; Frank et al.
US 6879840 B2	20050412	Method and apparatus for adaptive QoS-based joint rate and power control algorithm in multi-rate wireless systems	455/522	455/69	Razavilar; Javad et al.
US 6866640 B2	20050315	Adaptor for use with point-of-care testing cartridge	600/573		Francavilla; Frank et al.
US 6837872 B2	20050104	Needle holder for use with safety needle assembly	604/110	600/576; 604/164.01	Crawford; Jamieson William Maclean
US 6799660 B1	20041005	Step ladder device	182/200	182/108; 182/172; 248/188.3	Crawford; James R.
US 6783851 B2	20040831	Pitch based graphite fabrics and needled punched felts for fuel cell gas diffusion layer substrates and high thermal conductivity reinforced composites	428/364	428/394	Crawford; James et al.
US 6781608 B1	20040824	Gradual image display	715/758	715/753	Crawford; James
US 6780169	20040824	Safety shield	604/110	128/898	Crawford;

B2		assembly			Jamieson William Maclean
US 6773419 B2	20040810	Blood collection set	604/198	600/576; 604/110	Crawford; Jamieson William Maclean et al.
US 6761704 B2	20040713	Safety blood collection needle assembly	604/110	600/576; 604/164.01; 604/164.08; 604/165.02; 604/198	Crawford; Jamieson William Maclean
US 6755804 B2	20040629	Needle holder for use with safety needle assembly	604/110	600/576; 604/165.02; 604/198	Crawford; Jamieson William Maclean
US 6743186 B2	20040601	Blood collection assembly	600/583	604/192; 604/198	Crawford; Jamieson William Maclean et al.
US 6730139 B2	20040504	Halogenated hydrocarbon containing fuel supplement and/or additive	44/308	44/361; 44/398; 44/456	Crawford; Stephen R. et al.
US 6702011 B2	20040309	Combined nitrogen treatment system and coiled tubing system in one tractor/trailer apparatus	166/77.2	166/90.1	Crawford; James B. et al.
US 6699217 B2	20040302	Safety needle assembly	604/110	128/919; 604/192; 604/263	Bennett; Michael et al.
US D486259 S	20040203	Camera light	D26/51	D26/46	Crawford; James J. et al.
US 6673047 B2	20040106	Blood collection set	604/177	604/110; 604/164.08	Crawford; Jamieson William Maclean et al.
US 6659983 B2	20031209	Needle assembly	604/192	604/177; 604/272	Crawford; Jamieson William Maclean et al.
US 6651744 B1	20031125	Bi-directional thruster pig apparatus and method of	166/311	166/312	Crawford; James R.

		utilizing same			
US D482448 S	20031118	Needle disposal container	D24/131		Crawford; Jamieson William Maclean
US 6650616 B2	20031118	Transmission security for wireless communications	370/203	380/274; 455/410	Crawford; James A.
US 6648855 B2	20031118	Safety needle assembly	604/110	128/919; 604/192; 604/263	Crawford; Jamieson William Maclean et al.
US 6633616 B2	20031014	OFDM pilot tone tracking for wireless LAN	375/326	370/206; 370/210; 375/147; 375/260; 375/349	Crawford; James A.
US D474840 S	20030520	Needle disposal insert	D24/131		Crawford; Jamieson William Maclean
US D474839 S	20030520	Adaptor for point of care testing cartridge	D24/129		Francavilla; Frank et al.
US 6561280 B1	20030513	Method of injecting tubing down pipelines	166/383	166/241.1; 166/241.6; 166/384; 405/184	Baugh; Benton F. et al.
US D473647 S	20030422	Adaptor for point of care testing cartridge	D24/129		Francavilla; Frank et al.
US 6549583 B2	20030415	Optimum phase error metric for OFDM pilot tone tracking in wireless LAN	375/260	370/206; 370/210; 375/130; 375/349	Crawford; James A.
US 6549561 B2	20030415	OFDM pilot tone tracking for wireless LAN	375/137	370/206; 370/210; 375/326; 375/328	Crawford; James A.
US 6474922 B2	20021105	Remote operation auxiliary hoist control and precision load positioner	414/21	212/278; 212/283; 212/285; 294/905	Bachman; John A. et al.
US D463562 S	20020924	Adaptor	D24/169	D24/128; D24/130	Crawford; Jamieson William Maclean et al.
US 6456245	20020924	Card-based diversity	343/702	343/700MS;	Crawford;

B1		antenna structure for wireless communications		455/277.1	James A.
US 6456242 B1	20020924	Conformal box antenna	343/700MS	343/702	Crawford; James A.
US 6441332 B1	20020827	Switch assembly incorporating contact wedge	200/520	200/341; 200/533; 200/573	Crawford; James F. et al.
US 6440104 B1	20020827	Safety shield assembly	604/192	128/919; 604/110; 604/263	Newby; C. Mark et al.
US 6438367 B1	20020820	Transmission security for wireless communications	455/410	370/203; 380/274	Crawford; James A.
US 6436086 B1	20020820	Method of using a safety shield assembly and related combinations thereof	604/507	604/110; 604/192; 604/263	Newby; C. Mark et al.
US 6433742 B1	20020813	Diversity antenna structure for wireless communications	343/700MS	343/702	Crawford; James A.
US D458997 S	20020618	Adaptor	D24/169	D24/128; D24/130	Crawford; Jamieson William Maclean et al.
US D458686 S	20020611	Adaptor	D24/169	D24/128; D24/130	Crawford; Jamieson William Maclean et al.
US 6399910 B1	20020604	Switch assembly incorporating deflectable spring contact	200/405	200/276; 200/520	Crawford; James F. et al.
US D456513 S	20020430	Adaptor	D24/169	D24/128; D24/130	Crawford; Jamieson William Maclean et al.
US D455493 S	20020409	Adaptor	D24/169	D24/128; D24/130	Crawford; Jamieson William Maclean et al.
US 6343657 B1	20020205	Method of injecting tubing down pipelines	166/383	166/241.1; 166/241.6; 166/384; 405/184	Baugh; Benton F. et al.
US D452312	20011218	Needle assembly	D24/112	D24/130	Crawford;

S					Jamieson William Maclean et al.
US D452002 S	20011211	Needle assembly	D24/112	D24/130	Crawford; Jamieson William Maclean et al.
US D452001 S	20011211	Needle assembly	D24/112	D24/130	Crawford; Jamieson William Maclean et al.
US D452000 S	20011211	Needle assembly	D24/112	D24/130	Crawford; Jamieson William Maclean et al.
US D451999 S	20011211	Needle assembly	D24/112	D24/130	Crawford; Jamieson William Maclean et al.
US D451998 S	20011211	Needle assembly	D24/112	D24/130	Crawford; Jamieson William Maclean et al.
US 6327732 B1	20011211	Fluid balancing ring and method for using same	8/159	210/144; 68/23.2; 68/23.3	Braunschweig; James R. et al.
US D451601 S	20011204	Needle assembly	D24/130	D24/112	Crawford; Jamieson William Maclean et al.
US D451600 S	20011204	Needle assembly	D24/130	D24/112	Crawford; Jamieson William Maclean et al.
US D451599 S	20011204	Needle assembly	D24/112	D24/130	Crawford; Jamieson William Maclean et al.
US 6315498 B1	20011113	Thruster pig apparatus for injecting tubing down pipelines	405/184	166/383; 405/154.1	Baugh; Benton F. et al.
US 6306118 B1	20011023	Needle holder assembly	604/243	600/577	Crawford; Jamie et al.
US 6298541 B1	20011009	Method for making a safety shield	29/458	29/451; 604/110;	Newby; C. Mark et al.

		assembly and related combinations thereof		604/192; 604/263	
US 6264719 B1	20010724	Titanium alloy based dispersion-strengthened composites	75/252	75/352; 75/354; 75/369; 75/614	Zhang; Deliang et al.
US 6260617 B1	20010717	Skate apparatus for injecting tubing down pipelines	166/241.3	166/241.4; 166/241.6	Baugh; Benton F. et al.
US 6236976 B1	20010522	System and process for job scheduling using limited discrepancy search	705/8	705/9; 706/41; 718/102; 718/104	Ginsberg; Matthew L. et al.
US D442280 S	20010515	Needle shield	D24/130		Crawford; Jamie et al.
US D440658 S	20010417	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D440657 S	20010417	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D439975 S	20010403	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D439974 S	20010403	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D436169 S	20010109	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D436168 S	20010109	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D435908 S	20010102	Needle holder assembly	D24/130		Wilkinson; Bradley M. et al.
US D433505 S	20001107	Needle holder	D24/130		Crawford; Jamie et al.
US 6086542 A	20000711	Pressure sensing input/output scope sheath	600/561	600/140; 604/27; 604/43	Glowa; Michael P. et al.
US 6073695 A	20000613	Device and method for treating a well bore	166/303	166/57; 405/128.55	Crawford; James B. et al.
US 6070144 A	20000530	System and process for job scheduling	705/9	705/7; 705/8; 718/102;	Ginsberg; Matthew L. et

		using limited discrepancy search		718/104	al.
US 6059737 A	20000509	Adhesive gasket for blood collection needles	600/576		Crawford; Jamieson William Maclean
US D422700 S	20000411	Needle shield	D24/130		Crawford; Jamie et al.
US 5994844 A	19991130	Video lighthouse with dimmer control and stabilized intensity	315/151	315/158; 315/224; 362/4	Crawford; James J. et al.
US 5988280 A	19991123	Use of engine heat in treating a well bore	166/303	166/304; 166/307; 166/312; 166/57; 405/128.6	Crawford; James B. et al.
US 5893845 A	19990413	Telescoping needle shield	604/198	128/919; 600/576; 604/110	Newby; Mark et al.
US 5810852 A	19980922	Endoscopic intracorporeal suture tying aid	606/148	606/139; 606/147	Greenberg; Alex M. et al.
US 5796783 A	19980818	Digital transmission system	375/298	332/103; 375/295; 455/23; 455/42	Crawford; James A.
US 5748293 A	19980505	Adjustable document handler for reproduction apparatus	355/75		Crawford; Jamie et al.
US 5748073 A	19980505	Electronic goal detector	340/323R	273/354; 273/392; 473/446; 473/471	Crawford; James D.
US 5721756 A	19980224	Digital receiver with tunable analog parameters and method therefor	375/344	375/350	Liebetreu; John Michael et al.
US D390993 S	19980217	Arc light	D26/63		Crawford; James J.
US 5718239 A	19980217	Method of activating a needle assembly having a telescoping shield	600/576	604/110	Newby; Mark et al.
US 5709694 A	19980120	Endoscopic intracorporeal suture	606/148	112/169; 606/139;	Greenberg; Alex M. et al.

		tying aid		606/147; 606/205	
US D385639 S	19971028	Arc light	D26/63		Crawford; James J.
US 5666677 A	19970916	Bath tub assembly	4/540	4/584; 4/592	Crawford; Michael K. et al.
US 5605320 A	19970225	Staple removers	254/28		Crawford; Jamieson
US 5598590 A	19970204	Bathing apparatus	4/540	4/560.1; 4/592; 5/900; 5/928	Crawford; Michael K. et al.
US 5584082 A	19961217	Convertible gurney	5/86.1	297/344.17; 297/354.13; 297/68; 5/616; 5/618	Crawford; Michael K. et al.
US 5579543 A	19961203	Method for transferring a patient between a bed and a bath tub	4/540	4/560.1; 4/592; 5/900; 5/928	Crawford; Michael K. et al.
US 5449506 A	19950912	Process for producing potassium carbonate	423/421	210/681; 23/302R; 423/357; 423/420; 423/422; 423/424; 423/497	Berry; William W. et al.
US 5402544 A	19950404	Combination chair and gurney	5/616	297/344.17; 297/354.13; 5/618; 74/441; 74/521; 74/89.28	Crawford; Michael K. et al.
US 5282227 A	19940125	Communication signal detection and acquisition	375/327	329/307; 375/342; 375/344; 455/258	Crawford; James A.
US 5278549 A	19940111	Wireline cycle life counter	340/853.2	175/45; 340/854.1; 340/854.9	Crawford; James R.
US 5180012 A	19930119	Method for carrying tool on coil tubing with shifting sub	166/301	166/381; 166/383; 166/384; 166/386	Crawford; James B.
US 5152232 A	19921006	Incinerator apparatus	110/190	110/188; 110/214	Crawford; James P.

US 5029642 A	19910709	Apparatus for carrying tool on coil tubing with shifting sub	166/72	166/178; 166/192; 166/237; 166/55.1; 166/77.2	Crawford; James B.
US D313731 S	19910115	Ratchet extender	D8/25		Crawford; James A.
US 4965462 A	19901023	Stand-by power supply	307/66	307/85; 320/110; 320/138; 348/372	Crawford; James J.
US 4890367 A	19900102	Crematory loader	27/27	27/26; 414/282; 414/522	Crawford; James P.
US 4810904 A	19890307	Sample-and-hold phase detector circuit	327/33	327/168; 327/93	Crawford; James A.
US 4771248 A	19880913	Fast phase-lock frequency synthesizer	331/1A	331/14; 331/17; 331/27; 331/8	Crawford; James A. et al.
US 4738263 A	19880419	Electrosurgical electrode connector	600/395	606/32; 607/152	Seebach; Timothy B. et al.
US 4727911 A	19880301	Loom take-up tray	139/304	26/70	Crawford; James D. et al.
US 4685403 A	19870811	Auxiliary incinerator apparatus	110/194	110/235	Crawford; James P.
US 4682657 A	19870728	Method and apparatus for the running and pulling of wire-line tools and the like in an oil or gas well	166/385	166/77.2	Crawford; James B.
US 4668922 A	19870526	Fast phase-lock frequency synthesizer	331/1A	327/107; 327/156; 327/7; 331/14; 331/17; 331/27; 331/8	Crawford; James A. et al.
US 4646537 A	19870303	Hot water heating and defrost in a heat pump circuit	62/238.6	62/238.7	Crawford; James G.
US 4634998 A	19870106	Fast phase-lock frequency synthesizer with variable	331/1A	327/7; 331/14; 331/17;	Crawford; James A.

		sampling efficiency		331/27; 331/8	
US 4616261 A	19861007	Method and apparatus for generating subliminal visual messages	348/563	348/584; 348/589; 348/706	Crawford; James R. et al.
US 4612984 A	19860923	Apparatus for the running and pulling of wire-line tools and the like in an oil or gas well	166/77.2	166/385	Crawford; James B.
US 4586005 A	19860429	Enhanced analog phase interpolation for Fractional-N frequency synthesis	331/1A	331/17; 331/25	Crawford; James A.
US 4560120 A	19851224	Spin stabilized impulsively controlled missile (SSICM)	244/3.22		Crawford; James I. et al.
US 4512264 A	19850423	Induced stack draft apparatus	110/160	454/39	Crawford; James P.
US 4500994 A	19850219	Multi-rate branch metric processor for maximum-likelihood convolutional decoder	714/794	714/796	McCallister; Ronald D. et al.
US 4433454 A	19840228	Saw type gin stand with seed removal tube	19/55R		Salmon; Joe E. et al.
US 4387923 A	19830614	Vehicle window assembly	296/201	296/93; 296/96.21; 52/208; 52/716.6	Choby; David et al.
US D266704 S	19821026	Lamp	D26/44	D26/45	Frezzolini; James et al.
US 4346336 A	19820824	Battery control system	320/147	320/135; 320/154; 429/120	Crawford; James J.
US 4282476 A	19810804	Variable pressure control switch for battery charging circuit	320/147	200/83J; 200/83S	Frezzolini; James et al.
US 4192543 A	19800311	Horizontal auxiliary sleeper door	296/159	135/117; 135/119; 296/146.11	Crawford; James F. X.
US 4179757	19791225	Biocompatible	623/1.49	351/160R;	Crawford;

A		articles having high permeability to gases derived from polysulfones		528/385; 528/386; 602/48	James E. et al.
US 4136428 A	19790130	Method for producing improved heat transfer surface	29/890.045	138/144; 138/145; 138/146; 138/DIG.9; 165/133; 29/459; 427/178; 427/202; 427/227; 427/228; 427/244; 427/247; 427/257; 427/276; 427/373; 428/377; 428/408	Godsey; Randall D. et al.
US 3946260 A	19760323	Motor construction	310/112	310/154.25; 310/89	Frezzolini; James et al.
US 3931630 A	19760106	Viewfinder assembly	396/373	396/383	Crawford; James J.
US 3928294 A	19751223	Biocompatible articles including polymeric membranes having high permeability to gases and uses thereof	528/386	128/DIG.24; 210/500.42; 351/160R; 423/245.1; 528/385; 602/42; 623/1.1; 95/46; 96/10; 96/6	Crawford; James E. et al.
US 3916944 A	19751104	Reactor vessel supported by flexure member	137/376	248/146; 248/901; 376/285; 376/461; 976/DIG.151; 976/DIG.168	Crawford; James Darwin et al.
US 3900530 A	19750819	Method for forming graft copolymers employing the reaction product of hydrogen peroxide and ethylene-acrylic	525/264	525/274; 525/301	Crawford; James E.

		acid alkali salt copolymers			
US 3879353 A	19750422	Linear copolymers having pendant peroxycarbonate ester functionality, their synthesis and use	522/60	260/DIG.28; 522/187; 525/242; 525/327.7; 525/330.1; 525/359.3; 525/359.4; 525/54.23; 526/203; 526/271; 526/272; 528/392; 558/263	Crawford; James E.
US 3811921 A	19740521	METHOD OF COATING GLASS SURFACE AND PRODUCTS PRODUCED THEREBY	427/389.7	427/407.2; 428/472; 428/475.5; 428/477.7; 65/60.2	Crawford; James E. et al.
US 3799228 A	19740326	PORTABLE, COLLAPSIBLE MULTIPURPOSE CONTAINER	4/587	220/9.2; 4/538	Crawford; James A.
US 3775661 A	19731127	RECHARGEABLE BATTERY POWER SOURCE WITH GAS-PRESSURE SWITCH	320/147	200/83B; 429/58	Frezzolini; James et al.
US 3708738 A	19730102	BATTERY CHARGING AND DISCHARGING APPARATUS	320/134	320/136; 320/163; 320/DIG.13; 320/DIG.19; 320/DIG.22; 320/DIG.27; 361/56	Crawford; James J. et al.
US 3656045 A	19720411	BATTERY PROTECTION CIRCUIT	320/136	307/10.7; 361/105; 361/92	Frezzolini; James et al.
US 3609506 A	19710928	BATTERY APPARATUS	320/128	307/150; 307/66; 320/139	Frezzolini; James A. et al.
US 3513145 A	19700519	CONTINUOUS MASS POLYMERIZATION	526/65	422/134; 422/135; 526/346;	CRAWFORD JAMES R

		PROCESSES [TEXT AVAILABLE IN USOCR DATABASE]		526/68; 526/73; 526/88; 528/501	
US 3490410 A	19700120	CLAPPING MITTENS FOR INCREASING CROWD CLAPPING EFFECT [TEXT AVAILABLE IN USOCR DATABASE]	116/67R	2/158; 446/417; 446/418; 984/154; 984/DIG.1	CRAWFORD JAMES M SR
US 3490316 A	19700120	CUTTING DEVICE WITH MECHANISM FOR CATCHING WASTE MATERIAL [TEXT AVAILABLE IN USOCR DATABASE]	408/67	30/310	STRONG BERNARD et al.
US 3478218 A	19691111	APPARATUS AND METHOD FOR DETECTING FLAWS IN ARTICLES OF GLASS AND THE LIKE [TEXT AVAILABLE IN USOCR DATABASE]	250/559.42	209/526; 250/223B; 250/223R; 250/237R; 356/239.1	STARK JACK L et al.
US 3458928 A	19690805	METHOD FOR FORMING ROTOR CONSTRAINED ELECTRICAL COILS [TEXT AVAILABLE IN USOCR DATABASE]	29/605	29/596; 29/606; 310/42	STAEBLER PAUL J et al.
US 3456053 A	19690715	INACTIVATED HOG CHOLERA VIRUS VACCINE [TEXT AVAILABLE IN USOCR	424/220.1	435/173.3; 435/236; 435/238; 435/239	CRAWFORD JAMES G

		DATABASE]			
US 3447012 A	19690527	ROTOR CONSTRUCTION [TEXT AVAILABLE IN USOCR DATABASE]	310/262	310/218	FANGMAN CHARLES N et al.
US 3444410 A	19690513	ALTERNATOR WITH MULTIPLE COIL ROTATING FIELD [TEXT AVAILABLE IN USOCR DATABASE]	310/262	310/68R	CRAWFORD JAMES L
US 3354136 A	19671121	Material treatment methods [TEXT AVAILABLE IN USOCR DATABASE]	526/65	165/94; 422/135; 526/346; 526/88	CRAWFORD JAMES R
US 3313035 A	19670411	Apparatus for drying particulate material [TEXT AVAILABLE IN USOCR DATABASE]	34/580	165/104.19; 432/202; 432/203; 432/67; 432/86	CRAWFORD JAMES R et al.
US 3293469 A	19661220	Electrical alternator [TEXT AVAILABLE IN USOCR DATABASE]	310/168	310/254	CRAWFORD JAMES L et al.
US 3281638 A	19661025	Solid-state battery charger [TEXT AVAILABLE IN USOCR DATABASE]	320/143	327/447; 327/530	CRAWFORD JAMES J
US 3212197 A	19651019	Drying method and apparatus [TEXT AVAILABLE IN USOCR DATABASE]	34/371	34/75	CRAWFORD JAMES R
US 3206287 A	19650914	Material treatment apparatus [TEXT AVAILABLE IN USOCR DATABASE]	422/135	165/147; 165/94; 422/138; 422/198; 422/225; 526/88	CRAWFORD JAMES R

US 3010366 A	19611128	Lens [TEXT AVAILABLE IN USOCR DATABASE]	351/169	359/721	CRAWFORD JAMES H
US 2935084 A	19600503	Air pressure regulator [TEXT AVAILABLE IN USOCR DATABASE]	137/505.38	137/599.08; 137/599.09; 137/625.5	CRAWFORD JAMES V et al.
US 2931564 A	19600405	Digital switch mechanism for combined accounting machine and tape recorder [TEXT AVAILABLE IN USOCR DATABASE]	235/60.13	235/60.4; 235/60.47; 235/61PJ	CHRISTIAN RAYMOND A et al.
US 2829039 A	19580401	Corrosion inhibited trichloracetates [TEXT AVAILABLE IN USOCR DATABASE]	562/602	252/389.52; 252/392	CRAWFORD JAMES HARRY et al.
US 2820601 A	19580121	Movable wing tip [TEXT AVAILABLE IN USOCR DATABASE]	244/90R	244/134B	CRAWFORD JAMES E
US 2774555 A	19561218	Leading edge flap and control system [TEXT AVAILABLE IN USOCR DATABASE]	244/214	244/226; 244/231	CRAWFORD JAMES E et al.
US 2772829 A	19561204	Inflation aspirator [TEXT AVAILABLE IN USOCR DATABASE]	417/191	137/493.1; 137/849; 141/286; 141/392; 417/189; 417/192	CRAWFORD JAMES V et al.
US 2702662 A	19550222	Lock bottom box [TEXT AVAILABLE IN USOCR DATABASE]	229/183	229/185.1; 229/190	CRAWFORD JAMES H
US 2666517	19540119	Tabulating	400/289.1	400/182;	CHRISTIAN

A		mechanism for accounting machines [TEXT AVAILABLE IN USOCR DATABASE]		400/186; 400/290; 400/298	RAYMOND A et al.
US 2626749 A	19530127	Overdraft mechanism for accounting machines [TEXT AVAILABLE IN USOCR DATABASE]	235/60.2	235/60.47	CHRISTIAN RAYMOND A et al.
US 2607437 A	19520819	Apparatus for separating liquids and gases [TEXT AVAILABLE IN USOCR DATABASE]	55/313	55/418; 55/478; 55/489; 55/DIG.25	CRAWFORD JAMES V et al.
US 2593111 A	19520415	Anchor [TEXT AVAILABLE IN USOCR DATABASE]	114/303	114/305	CRAWFORD JAMES V et al.
US 2579304 A	19511218	Self-adjusting recirculating overflow [TEXT AVAILABLE IN USOCR DATABASE]	405/60	210/169; 210/242.1; 210/460; 210/540; 266/94; 4/490; 4/679; 405/88	CRAWFORD JAMES B
US 2536267 A	19510102	Line spacing mechanism for accounting machines [TEXT AVAILABLE IN USOCR DATABASE]	400/545	235/60.51; 400/279; 400/575; 400/600; 400/649	DAVIDSON JOHN T et al.
US 2461589 A	19490215	Portable power-driven tree felling circular saw [TEXT AVAILABLE IN USOCR DATABASE]	30/379		CRAWFORD JAMES R
US 2432726 A	19471216	Tractor-mounted power-driven sawing machine [TEXT AVAILABLE IN	83/490	30/379.5	CRAWFORD JAMES R

		USOCR DATABASE]			
US 2107470 A	19380208	Ignition distributor [TEXT AVAILABLE IN USOCR DATABASE]	200/19.39	123/146.5A	CRAWFORD JAMES M et al.
US 2018706 A	19351029	Transmission mechanism [TEXT AVAILABLE IN USOCR DATABASE]	192/3.63	192/48.5; 74/473.3; 74/501.6	CRAWFORD JAMES M et al.
US 2014425 A	19350917	Rear bearing cap [TEXT AVAILABLE IN USOCR DATABASE]	184/13.1	184/6	CRAWFORD JAMES M et al.
US 1993921 A	19350312	Steering gear [TEXT AVAILABLE IN USOCR DATABASE]	280/780		CRAWFORD JAMES M et al.
US 1980355 A	19341113	Engine starter control [TEXT AVAILABLE IN USOCR DATABASE]	123/179.1		PRESCOTT FRANK H et al.
US 1961340 A	19340605	Synchronizing clutch mechanism [TEXT AVAILABLE IN USOCR DATABASE]	192/53.35	74/339	CRAWFORD JAMES M
US 1913193 A	19330606	Oil filter arrangement [TEXT AVAILABLE IN USOCR DATABASE]	184/6.24	210/168; 235/61PS	CRAWFORD JAMES M
US 1871780 A	19320816	Steering wheel lighting switch [TEXT AVAILABLE IN USOCR DATABASE]	200/61.55	200/4; 439/15	CRAWFORD JAMES M
US 1855166 A	19320419	Rocker arm lubrication [TEXT AVAILABLE IN USOCR	184/6.9	123/90.36	CRAWFORD JAMES M

		DATABASE]			
US 1838906 A	19311229	Brake cross shaft bracket [TEXT AVAILABLE IN USOCR DATABASE]	188/205R	188/10; 248/251	CRAWFORD JAMES M
US 1833415 A	19311124	Method of supplementing the frictional resistance of relatively movable members [TEXT AVAILABLE IN USOCR DATABASE]	29/436	29/235; 29/428	CRAWFORD JAMES M
US 1791802 A	19310210	Service-brake equalizer [TEXT AVAILABLE IN USOCR DATABASE]	188/204R	188/205R	CRAWFORD JAMES M
US 1788861 A	19310113	Pedal stop and yoke [TEXT AVAILABLE IN USOCR DATABASE]	74/526	74/512	CRAWFORD JAMES M
US 1761972 A	19300603	Clutch pressure lever plate [TEXT AVAILABLE IN USOCR DATABASE]	192/70.3	192/110R	CRAWFORD JAMES M
US 1743882 A	19300114	Two-depth cotton planter [TEXT AVAILABLE IN USOCR DATABASE]	111/73	111/80; 111/9	CRAWFORD JAMES R
US 1643427 A	19270927	Poppet valve for air-jolted molding machines [TEXT AVAILABLE IN USOCR DATABASE]	91/279	91/328; 91/341R	SWAN HARRY B et al.
US 1635609 A	19270712	Closed-body ventilator [TEXT AVAILABLE IN USOCR DATABASE]	454/136	296/210; 454/158	CRAWFORD JAMES M
US 1633477	19270621	Stop and brake for	57/78		CRAWFORD

A		twine machines [TEXT AVAILABLE IN USOCR DATABASE]			JAMES B
US 1630892 A	19270531	Tank block for glass furnaces [TEXT AVAILABLE IN USOCR DATABASE]	432/248	432/4	CRAWFORD JAMES L
US 1557662 A	19251020	Invalid bed [TEXT AVAILABLE IN USOCR DATABASE]	5/610	5/618	CRAWFORD JAMES W
US 1503414 A	19240729	Cultivator attachment [TEXT AVAILABLE IN USOCR DATABASE]	241/94	111/52; 222/252; 222/409; 241/101.762; 241/266	CRAWFORD JAMES T
US 1425750 A	19220815	Combined knife and fork [TEXT AVAILABLE IN USOCR DATABASE]	30/148	D7/644	CRAWFORD JAMES H